

## EAST Search History

Ref #	Hits	Search Query	DBs.	Default Operator	Plurals	Time Stamp
L1	11109	microcapsules	DERWENT	ADJ	ON	2007/07/30 11:18
L2	11109	microcapsule	DERWENT	ADJ	ON	2007/07/30 11:18
L3	13	L2 and microemulsion	DERWENT	ADJ	ON	2007/07/30 11:18
L4	1936	microemulsion	DERWENT	ADJ	ON	2007/07/30 11:18
L5	102	L4 and droplet	DERWENT	ADJ	ON	2007/07/30 11:18
L6	1	L5 and (channel or flow passage or flow passage way)	DERWENT	ADJ	ON	2007/07/30 11:19
L7	1	microemulsion	DERWENT	ADJ	ON	2007/07/30 11:20
L8	1936	microemulsion	DERWENT	ADJ	ON	2007/07/30 11:20
L9	911	L8 and oil and (water or aqueous)	DERWENT	ADJ	ON	2007/07/30 11:20
L10	435	L9 and (drug or polymer)	DERWENT	ADJ	ON	2007/07/30 11:21
L11	367	L10 and @py<="2004" and @ay<="2004"	DERWENT	ADJ	ON	2007/07/30 11:27
L12	367	L10 and @py<="2004" and @ay<="2004"	DERWENT	ADJ	ON	2007/07/30 11:27
L13	35	L12 and (droplet or capsule)	DERWENT	ADJ	ON	2007/07/30 11:28
S1	46	lee abraham.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 15:40
S2	1	tan yung-chieh.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/30 11:17
S3	1	("20020058332").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/09 11:59
S4	50	montigny.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:09
S5	1	montigny armand de.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:07
S6	51	higuchi toshiro.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:09
S7	1	("20060079585").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/06 09:34
S8	1	("5869004").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/06 10:47
S9	108	bowtie and micro	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:44
S10	7574	microfluidic and channel	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:59
S11	128	S10 and processing and sorting and splitting	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:10
S12	16	droplet processor	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:11

## EAST Search History

S13	10	S12 and micro	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:28
S14	110	( "20020037499"   "20020060156"   "4673657"   "5250263"   "5296375"   "5304487"   "5427946"   "5486335"   "5498392"   "5565171"   "5585069"   "5587128"   "5589136"   "5593838"   "5599432"   "5599503"   "5603351"   "5605662"   "5632876"   "5632957"   "5635358"   "5637469"   "5639423"   "5643738"   "5646039"   "5674742"   "5681484"   "5699157"   "5705813"   "5726026"   "5726404"   "5744366"   "5750015"   "5755942"   "5779868"   "5787032"   "5788814"   "5800690"   "5842106"   "5842787"   "5846396"   "5849486"   "5849489"   "5849598"   "5852495"   "5856174"   "5858188"   "5863708"   "5863801"   "5866345"   "5869004"   "5876675"   "5880071"   "5882465"   "5883211"   "5885470"   "5900130"   "5912124"   "5916776"   "5922591"   "5928880"   "5929208"   "5935401"   "5939291"   "5942443"   "5948227"   "5955028"   "5955029"   "5957579"   "5958203"   "5958694"   "5959291"   "5964995"   "5964997"   "5965001"   "5965410"   "5965886"   "5972187"   "5976336"   "5980704"   "5980719"   "5989402"   "5992820"   "5993611"   "6001231"   "6004515"   "6007690"   "6012902"   "6033546"   "6046056"   "6048734"   "6054034"   "6056860"   "6057149"   "6063589"   "6130098"   "6174675"   "6197595"   "6235175"   "6251343"   "6274089"   "6287254"   "6306273"   "6326211"   "6379974"   "6399025"   "6399389"   "6534295"   "6544734"   "6572830").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 12:11

## EAST Search History

S15	110	( "20020037499"   "20020060156"   "4673657"   "5250263"   "5296375"   "5304487"   "5427946"   "5486335"   "5498392"   "5565171"   "5585069"   "5587128"   "5589136"   "5593838"   "5599432"   "5599503"   "5603351"   "5605662"   "5632876"   "5632957"   "5635358"   "5637469"   "5639423"   "5643738"   "5646039"   "5674742"   "5681484"   "5699157"   "5705813"   "5726026"   "5726404"   "5744366"   "5750015"   "5755942"   "5779868"   "5787032"   "5788814"   "5800690"   "5842106"   "5842787"   "5846396"   "5849486"   "5849489"   "5849598"   "5852495"   "5856174"   "5858188"   "5863708"   "5863801"   "5866345"   "5869004"   "5876675"   "5880071"   "5882465"   "5883211"   "5885470"   "5900130"   "5912124"   "5916776"   "5922591"   "5928880"   "5929208"   "5935401"   "5939291"   "5942443"   "5948227"   "5955028"   "5955029"   "5957579"   "5958203"   "5958694"   "5959291"   "5964995"   "5964997"   "5965001"   "5965410"   "5965886"   "5972187"   "5976336"   "5980704"   "5980719"   "5989402"   "5992820"   "5993611"   "6001231"   "6004515"   "6007690"   "6012902"   "6033546"   "6046056"   "6048734"   "6054034"   "6056860"   "6057149"   "6063589"   "6130098"   "6174675"   "6197595"   "6235175"   "6251343"   "6274089"   "6287254"   "6306273"   "6326211"   "6379974"   "6399025"   "6399389"   "6534295"   "6544734"   "6572830").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 12:11
S16	5	micro and processing same sorting same splitting	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:36
S17	47	processing same sorting same splitting	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:37
S18	3	S17 and droplet	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:36
S19	92	micro and droplet with processor	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:38

## EAST Search History

S20	92	micro and droplet with process\$3	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:44
S21	7611	microfluidic and (processor or processing)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:44
S22	2024	S21 and sort\$3	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45
S23	1019495	L and size	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45
S24	1954	S22 and size	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45
S25	694	S24 and split\$3	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45
S26	246	piezoelectr or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:04
S27	278	piezoelectric or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:04
S28	100225	piezoelectric or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:05
S29	35	microfluidic and amphiphilic and monolayer with vesicle	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:09
S30	6	micro with droplet and amphiphilic and monolayer with vesicle	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:14
S31	847	microfluidic and splitter	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:14
S32	391	S31 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 14:50
S33	147	microfluidic and ((monolayer and bilayer) with vesicle)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:02
S34	190	microfluidic and amphiphilic and monolayer	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:02
S35	102	S34 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:11
S36	1	("6936811").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/09 15:11

## EAST Search History

S37	50	( "20020025529"   "20020037542"   "20020058332"   "20020181837"   "20030008364"   "20030032204"   "20030047676"   "3826899"   "4253846"   "4386274"   "4460667"   "4756427"   "4886360"   "4939081"   "5374556"   "5472550"   "5667286"   "5752606"   "5773298"   "5834208"   "5942443"   "5950071"   "5998152"   "6008010"   "6149789"   "6221654"   "6224732"   "6242209"   "6280960"   "6280967"   "6287758"   "6344325"   "6355491"   "6387331"   "6395480"   "6399397"   "6408878"   "6411838"   "6485905"   "6507400"   "6514722"   "6518056"   "6534308"   "6540895"   "6566079"   "6624940"   "6740497"   "6744038"   "6778724"   "6797942").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:28
S38	18	S37 and sort and size	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:40
S39	10	microfluidic and droplet processor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:41

## EAST Search History

S40	110	( "20020037499"   "20020060156"   "4673657"   "5250263"   "5296375"   "5304487"   "5427946"   "5486335"   "5498392"   "5565171"   "5585069"   "5587128"   "5589136"   "5593838"   "5599432"   "5599503"   "5603351"   "5605662"   "5632876"   "5632957"   "5635358"   "5637469"   "5639423"   "5643738"   "5646039"   "5674742"   "5681484"   "5699157"   "5705813"   "5726026"   "5726404"   "5744366"   "5750015"   "5755942"   "5779868"   "5787032"   "5788814"   "5800690"   "5842106"   "5842787"   "5846396"   "5849486"   "5849489"   "5849598"   "5852495"   "5856174"   "5858188"   "5863708"   "5863801"   "5866345"   "5869004"   "5876675"   "5880071"   "5882465"   "5883211"   "5885470"   "5900130"   "5912124"   "5916776"   "5922591"   "5928880"   "5929208"   "5935401"   "5939291"   "5942443"   "5948227"   "5955028"   "5955029"   "5957579"   "5958203"   "5958694"   "5959291"   "5964995"   "5964997"   "5965001"   "5965410"   "5965886"   "5972187"   "5976336"   "5980704"   "5980719"   "5989402"   "5992820"   "5993611"   "6001231"   "6004515"   "6007690"   "6012902"   "6033546"   "6046056"   "6048734"   "6054034"   "6056860"   "6057149"   "6063589"   "6130098"   "6174675"   "6197595"   "6235175"   "6251343"   "6274089"   "6287254"   "6306273"   "6326211"   "6379974"   "6399025"   "6399389"   "6534295"   "6544734"   "6572830").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:42
S41	660	microfluidic and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:43
S42	308	S41 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:47

## EAST Search History

S43	133	microdroplet and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:14
S44	5385	microfluidic and computer	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:57
S45	401	S44 and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:57
S46	180	S45 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:07
S47	82	S46 and fus\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:07
S48	251	microdroplet same (splitting or separate) and microdroplet	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:51
S49	0	microfluidic and shear force and procesor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:51
S50	120	microfluidic and shear force and processor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 17:16
S51	404	microfluidic and amphiphilic	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 17:17
S52	0	lee "abraham." "in."	US-PGPUB; USPAT	ADJ	ON	2007/07/10 08:53
S53	46	lee abraham.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/10 09:07
S54	338	microfluidic and (splitting or split) and (fusing or fuse) and (droplet or particle)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 09:08
S55	168	S54 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:41
S56	1	("6835394").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/10 14:11
S57	1486	(droplet or particle) and amphiphilic and monolayer and bilayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:42
S58	118	S57 and microfluidic	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:43
S59	93	S58 and encapsul\$	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:36
S60	404	microfluidic and amphiphilic	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:36

## EAST Search History

S61	190	S60 and monolayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:37
S62	126	S61 and bilayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:37
S63	16	stone howard.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/11 09:51